



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

647.1812
Job Sheet 205082



Part No: 647.1812

Job Qty: 16 pcs

Part Name: Shim



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 12/30/19

Job Tracking No:

Due Date: 2/14/20

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG REV N/C SHEET 3 IPP REV:A 12.10.03 NEW ISSUE DD VERF:JFS

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier	Sign-off
					Setup Hrs	Run Hrs		
110	Waterjet - Flow - 1	16 pcs	2/14/20	2/14/20	0.17	0.71	Waterjet - Flow	20/01/27
120	QC 2	16 pcs	2/14/20	2/14/20	0.00	0.00	QC 2 - 1	
							QC 2 - 12	
							QC 2 - 14	
							QC 2 - 17	
							QC 2 - 19	
							QC 2 - 2	
							QC 2 - 20	
							QC 2 - 22	
							QC 2 - 23	
							QC 2 - 25	
							QC 2 - 32	
							QC 2 - 33	
							QC 2 - 35	
							QC 2 - 39	
							QC 2 - 4	
							QC 2 - 40	
							QC 2 - 44	
							QC 2 - 45	
							QC 2 - 48	20/01/27
							QC 2 - 49	
							QC 2 - 50	
							QC 2 - 51	
							QC 2 - 52	
							QC 2 - 57	
							QC 2 - 62	
							QC 2 - 63	
							QC 2 - 8	
							QC 2 - 66	
							QC 2 - 64	
							QC 2 - 65	

Plex 12/30/19 2:04 PM Dart.lajeunesse.marie

130	QC 8	16 pcs	2/14/20	0.00 0.00	QC 2 - 5	
					QC 2 - 71	
					QC 2 - 73	
					QC 2 - 69	
					QC 8 - 12	
					QC 8 - 14	
					QC 8 - 17	
					QC 8 - 20	
					QC 8 - 25	
					QC 8 - 3	
					QC 8 - 32	
					QC 8 - 33	
					QC 8 - 35	
					QC 8 - 39	
					QC 8 - 4	
					QC 8 - 44	
					QC 8 - 45	
					QC 8 - 49	
					QC 8 - 58	
					QC 8 - 8	
					QC 8 - 9	
					QC 8 - 68	
					QC 8 - 67	
					QC 8 - 1 (A)	
					QC 8 - 47	
					QC 8 - 40	
					QC 8 - 52	
					QC 8 - 23	
					QC 8 - 57	
					QC 8 - 76	
					QC 8 - 61	
140	Outsource - 4 - Anodize	16 pcs	2/14/20		ATG001-VC	10
150	Packaging 2-1 - Receive - B4B	16 pcs	2/14/20	0.00 0.00	Packaging 2 - 1 - B4B	
					Packaging 2 - 2 - B4B	
					Packaging 2 - 3 - B4B	
					Packaging 2 - 5 - B4B	
					Packaging 2 - 4 - B4B	
					Packaging 2 - 6 - B4B	
					Packaging 2 - 7 - B4B	
					Packaging 2 - 8 - B4B	
					Packaging 2 - 9 - B4B	
					Packaging 2 - 10 - B4B	
					Packaging 2 - 11 - B4B	
					Packaging 2 - 12 - B4B	
					Packaging 2 - 13 - B4B	
					Packaging 2 - 14 - B4B	
					Packaging 2 - 15 - B4B	
					Packaging 2 - 16 - B4B	
					Packaging 2 - 17 - B4B	
					Packaging 2 - 18 - B4B	
					Packaging 2 - 19 - B4B	
					Packaging 2 - 20 - B4B	
					Packaging 2 - 21 - B4B	
					Packaging 2 - 22 - B4B	
					Packaging 2 - 23 - B4B	
					Packaging 2 - 24 - B4B	
					Packaging 2 - 25 - B4B	
					Packaging 2 - 26 - B4B	
					Packaging 2 - 27 - B4B	

DAS
40
9-89

JAN 27 2020

2020-01-30

FEB 24 2020

					Packaging 2 - 28 - B4B	
					Packaging 2 - 29 - B4B	
					Packaging 2 - 30 - B4B	
					Packaging 2 - 31 - B4B	
					Packaging 2 - 32 - B4B	
					Packaging 2 - 33 - B4B	
					Packaging 2 - 34 - B4B	
					Packaging 2 - 35 - B4B	
					Packaging 2 - 36 - B4B	
					Packaging 2 - 37 - B4B	
160	QC 6	16 pcs	2/14/20	0.00 0.00	QC 6 - 9	DAS 40 9-89 FEB 25 2020
					QC 6 - 68	
					QC 6 - 61	
					QC 6 - 40	
					QC 6 - 81	
170	Spray Paint - 2 - B4B	16 pcs	2/14/20	0.00 0.21	Spray Paint - 1 - B4B	
					Spray Paint - 2 - B4B	
					Spray Paint - 3 - B4B	
					Spray Paint - 4 - B4B	
180	QC 14	16 pcs	2/14/20	0.00 0.00	QC 14 - 15	
					QC 14 - 2	
					QC 14 - 34	
					QC 14 - 41	
					QC 14 - 51	
					QC 14 - 58	
					QC 14 - 59	
					QC 14 - 9	
					QC 14 - 68	
					QC 14 - 40	
					QC 14 - 19	
					QC 14 - 43	
					QC 14 - 24	
					QC 14 - 61	
					QC 14 - 81	
190	Packaging 3-1 - Stock - B4B	16 pcs	2/14/20	0.00 0.00	Packaging 3 - 1 - B4B	
					Packaging 3 - 2 - B4B	
					Packaging 3 - 3 - B4B	
					Packaging 3 - 4 - B4B	DAS 74 9-89 FEB 26 2020
					Packaging 3 - 5 - B4B	
					Packaging 3 - 6 - B4B	
					Packaging 3 - 7 - B4B	
					Packaging 3 - 8 - B4B	
					Packaging 3 - 9 - B4B	
					Packaging 3 - 10 - B4B	
					Packaging 3 - 11 - B4B	
					Packaging 3 - 12 - B4B	
					Packaging 3 - 13 - B4B	
					Packaging 3 - 14 - B4B	
					Packaging 3 - 15 - B4B	
					Packaging 3 - 16 - B4B	
					Packaging 3 - 17 - B4B	
					Packaging 3 - 18 - B4B	
					Packaging 3 - 19 - B4B	
					Packaging 3 - 20 - B4B	
					Packaging 3 - 21 - B4B	
					Packaging 3 - 22 - B4B	
					Packaging 3 - 23 - B4B	
					Packaging 3 - 24 - B4B	
					Packaging 3 - 25 - B4B	

				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
				Packaging 3 - 37 - B4B	
200	QC 21 - SA	16 pcs	2/14/20	0.00 0.00	QC 21 - SA - 21
					QC 21 - SA - 70
					QC 21 - SA - 53

FEB 26 2020

Part Op **110** - 1-Cut as per Dwg Dwg Rev: N/C Prog Rev: N/C 2-Deburr if necessary
 Descriptions: **120** - (QC2- Inspect parts off machine FAI/FAIB)
130 - (QC8- Inspect parts - second check)
140 - (Outsource process-Anodize per QSI017 4.1.10.1) ISSUE P/O: _____ HARD ANODIZE, COLOR BLACK AS PER DWG.(SEE NOTE 2)
150 - (Receive & Inspect for Damage & Mat'l Certs)
160 - (QC6- All purchased or subcontracted products)
170 - (Spray Paint / NDT Room) PRIME IAW MIL-P-23377J TYPE1 CLASS N AS PER DWG. (SEE NOTE 2) CARDINAL 4860-50 PRIMER BATCH: _____
180 - (QC14- Inspect Spray Paint)
190 - (Identify as per dwg & Stock Location: _____) ***IDENTIFY AS PER APICAL MPP-120 BY STAMPING P# AND REV***
200 - (QC21- Final Inspection - Work Order Release)

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
M2024T3S.063	2024-T3 .063 Sheet	.2720 sf (.017 ea)	110-Waterjet - Flow - 1	5216341 5216341

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
110-Waterjet - Flow - 1	M2024T3S.063	0	92	0

Part Specifications

Spec No	Description	Target/Tolerance	Limits	Type	Special Comments
1	Shim	0.200Inches + 0.005 - 0.001	0.205 0.199	Ø.200	Diameter
2	Shim	0.603Inches ± 0.005	0.608 0.598	0.603	
3	Shim	0.350Inches ± 0.005	0.355 0.345	0.340.355	
4	Shim	0.700Inches ± 0.005	0.705 0.695	0.705	
5	Shim	2.250Inches ± 0.005	2.255 2.245	2.252	
6	Shim	3.460Inches ± 0.005	3.465 3.455	3.458	
7	Shim	0.063Inches ± 0.005	0.068 0.058	0.062	

Plex 12/30/19 2:04 PM Dart.lajeunesse.marie

Entered: _____

Date: _____

WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____		DISPOSITION ☐ Rework ☐ Scrap ☐ Use-as-is ☐ Skid-tube Machining ☐ Large Fab ☐ Cross tube Small Fab ☐ Finishing ☐ Eng. (Non-AW) Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering Water Jet ☐ Supplier Quality		DEPARTMENT/PROCESS		MRB (QS1042)	
Date : _____		Sequence #: _____		QTY Affected : _____			
Description Work Order Deviation		Disposition					
Root Cause ☐ Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Preservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled Other/Details: _____		FAULT CATEGORY ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up					
Completed By		Lead hand / Supervisor					
QC / QA Coordinator		Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread					



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB045741



Supplier: ATG001-VC
A.T.G. Industries Inc
760 INDUSTRIELLE STREET
ROCKLAND
ON
K6K 1T2 Canada
Phone: 613-446-4544
Fax: 613-446-4556

Attention: Canada, Marc-Andre

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB045741

PO Date: 1/30/20

Due Date: 2/17/20

Purchase Order
Revision:

Revision Date:

Ship-To Contact: Guerin, Kimberley
Phone: 613-632-5200 Ext: 298
kguerin@dartaero.com

Via: Ground

Pynt Terms: Net 60

Freight Terms:

Special Comments:

E-MAILED
2020-02-12

Items

Line Item	Job	Part	Drawing	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	206082	L78-1	D3811 Rev C	Bushing : Various STC's ISSUE P/O: ANODIZE BLACK PER MIL-A-8625F TYPE I OR IB OR 1C OR II OR IIB CLASS 2 C OF C IS REQUIRED	Firmed - X24		2/17/20	24 pcs	0 pcs	24 pcs	\$3.49/pcs	\$83.76
												FEB 13 2020
2	197463	RBE350A93-3501-20	RBE350A93-3501-20 Rev E	(Outsource process- Anodize per QSI017 4.1.10.1) -Issue P/O to ATG: -ANODIZE COLOR BLACK, PER IAW MIL- A-8625F TYPE 2 CLASS 2, Water sealant As Per Dwg RBE350A93-3501-20 Rev. E -Certificate of Conformity is required	Firmed - X15		2/17/20	15 pcs	0 pcs	15 pcs	\$3.49/pcs	\$52.35
												FEB 13 2020
3	203795	D5583	D5583 Rev A	Radius Block : Various STC's Issue P/O: 1- Anodize Black per MIL-A-8625, Type II, Class 2 as per Dwg. D5583 2- Prime Grey as per Dwg. Certification of Conformity is required.	Firmed - X36		2/10/20	36 pcs	0 pcs	36 pcs	\$5.27/pcs	\$189.72
												FEB 14 2020



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada
Tel (613) 632-5200

PURCHASE ORDER

POHB045741



Items												
Line Item	Job	Part	Drawing	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
4	205082	647.1812	647.1800 Rev NC	Shim : Various STC's (Outsource process- Anodize per QSI017 4.1.10.1) ISSUE P/O: HARD ANODIZE, COLOR BLACK AS PER DWG.(SEE NOTE 2)	Firmed - X20		2/17/20	20 pcs	0 pcs	20 pcs	\$7.57/pcs	\$151.40
								FEB 24 2020				
5	205404	D5582-1	D5582 Rev A	Aft Angle : Various STC's Issue P/O: 1- Anodize Black per MIL-A-8625, Type II, Class 2 as per Dwg. D5582 2- Prime Grey as per Dwg. Certification of Conformity is required.	Firmed - X8		2/10/20	8 pcs	0 pcs	8 pcs	\$7.42/pcs	\$59.36
								FEB 14 2020				
6	205408	D5589-1	D5589 Rev B	Gusset, Outboard LH : Various STC's Issue P/O: 1- Anodize Black per MIL-A-8625, Type II, Class 2 as per Dwg. D5589 2- Prime Grey as per Dwg. QSI 005,4.2.1.3.2 Certification of Conformity is required.	Firmed - X8		2/10/20	8 pcs	0 pcs	8 pcs	\$6.82/pcs	\$54.56
								FEB 14 2020				
7	204677	RBW6405G00332-33-11	RBW6405G00332-3G Rev 5	Pointer (Outsource process- Anodize per QSI017 4.1.10.1) -Issue PO STRIP and re-anodize -ANODIZE COLOR CLEAR, PER IAW MIL- A-8625F TYPE 2 CLASS 1, Water sealant -Material type; 6061 -Certificate of Conformity is required	Firmed - X6		2/17/20	6 pcs	0 pcs	6 pcs	\$3.49/pcs	\$20.94
								FEB 13 2020				



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER POHB045741



Items

Line Item	Job	Part	Drawing	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
Grand Total:												\$1,729.61

Order Notes

Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 2/12/20 12:53 PM Dart.Guerin.Kimberley



A.T.G. Industries Inc.
760 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 919630

Date: 21-Feb-20

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Kimberley Guerin
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		ATG Delivery	
Quantity	Description		
	Please reference this document's Pack List number on all correspondences regarding this shipment. If you have any questions, please contact us.		
20 ea	Part: 647.1812 Shim Hard Black Anodize per MIL-A-8625F, Type III, Class2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils) per drawing. Batch/Lot#: 5236137 Job: 26882 PO: POHB045741	Rev: A DAS 82 9-89 Expiry Date: 05/29/2021 Line: 4	
16 ea	Part: 647.0110 Roof Doubler Hard Black Anodize per MIL-A-8625F, Type III, Class2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils) per drawing. Batch/Lot#: 5236137 Job: 26886 PO: POHB045741	Rev: B Expiry Date: 05/29/2021 Line: 8	
CERTIFICATE OF CONFORMANCE A.T.G Industries Inc. certifies that all items in this shipment conform to the requirements. Date: FEB 21 2020 Certified Signature: Receiver Signature: A.T.G Industries Inc. is AS9100 Registered and Nadcap Chemical Processing Accredited. Made in Canada.			

RECEIVED

FEB 21 2020

DART AEROSPACE LTD.



A.T.G. Industries Inc.
760 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 919630

Date: 21-Feb-20

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Kimberley Guerin
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms	Ship Via
	ATG Delivery

Quantity

Description

Note: This Packing Slip may contain parts that have been PLATED. Items that are plated may be subject to natural tarnishing and it is suggested that they be inspected within 24 hours of receipt.

RECEIVED
FEB 21 2020
DART AEROSPACE LTD.

Made in Canada.